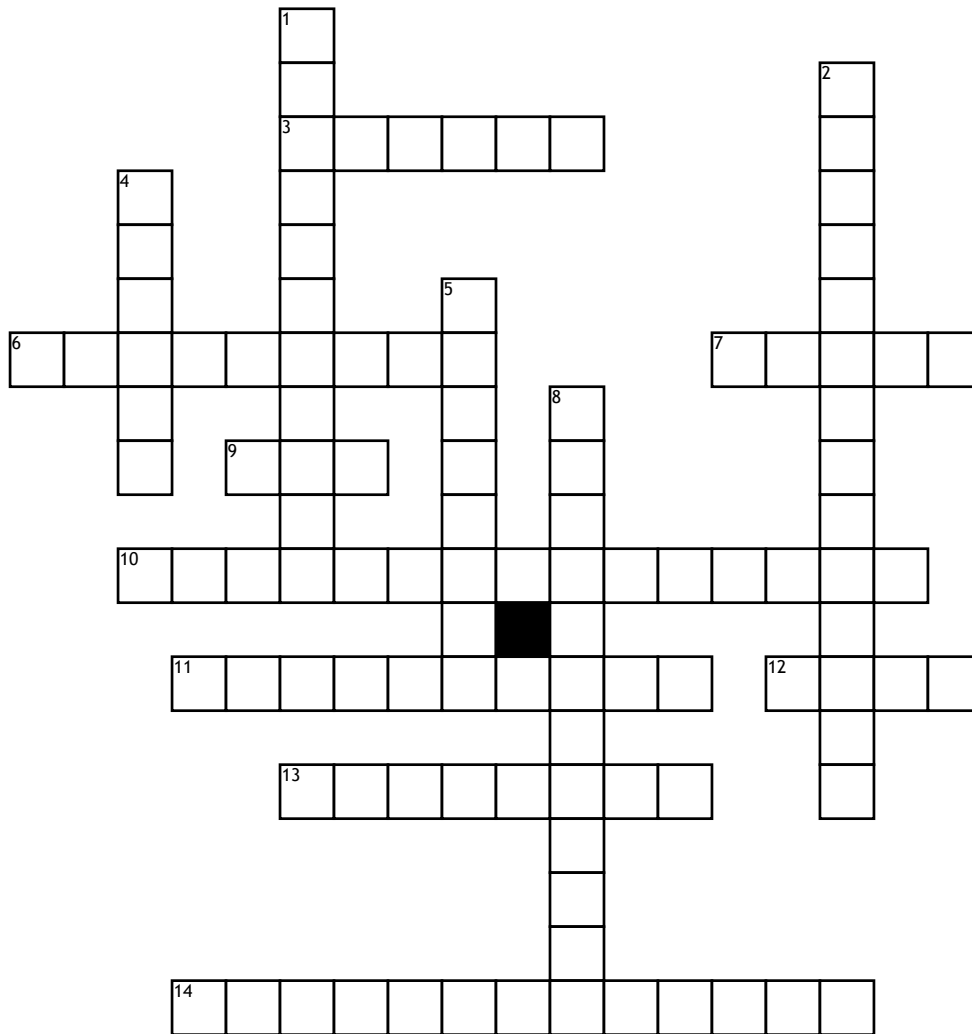


# GENETICS



**Across**

- 3. offspring of genetically different parents.
- 6. physical appearance of an organism.
- 7. a characteristic of an organism
- 9. cell nucleus molecule that encodes genetic information.
- 10. allele that is not expressed when the dominant allele is present.

- 11. having two alleles that are the same.
- 12. segment of DNA that helps determine a trait.
- 13. genetic makeup of a organism
- 14. diagram that shows possible offspring of two parents.

- 2. allele that is always expressed when it is present.
- 4. one of two or forms that a gene could take.
- 5. passing of genetic information from parents to offspring.
- 8. having two different alleles.

**Down**

- 1. passage of genetic material from parent to offspring. each gene receives one allele from each parent.

**Word Bank**

- |                  |                |                 |              |            |
|------------------|----------------|-----------------|--------------|------------|
| hybrid           | genotype       | dominant allele | allele       | homozygous |
| recessive allele | punnett square | heredity        | DNA          | phenotype  |
| trait            | gene           | inheritance     | heterozygous |            |